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PATENT
FAIR-07500

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Ara Bicakaci) Group Art Unit: 2611
Patent No. 6,741,289 B1) Examiner: Victor R. Kostak
Serial No. 09/703,517)
Issue Date: May 25, 2004)
Filed: October 31, 2000)
For: **TECHNIQUE TO STABILIZE
THE CHROMINANCE
SUBCARRIER GENERATION
IN A LINE-LOCKED DIGITAL
VIDEO SYSTEM**)
Customer No. 28960

**Attn: Decision and Certificate of Correction
Branch of the Patent Issue Division**

Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

**Certificate
AUG 25 2004
of Correction**

Sir:

Attached in duplicate is Form PTO-1050 with at least one copy being suitable for printing.

This is a second request for a certification of correction for applicant mistake. The first request was returned with the enclosed copy of the Notification Of Return Of Papers. However, the check in the amount of \$100.00 in accordance with 37 CFR 1.20(a) was not returned with this notification. Therefore, the Applicant is **not** enclosing a new check herewith.

The exact page and line number where the errors are shown incorrectly in the application file are:

In the ASSIGNEE of the PTOL-85B filed April 12, 2004:

Delete "FAIRCHILD SEMICONDUCTORS, INC." and insert --FAIRCHILD SEMICONDUCTOR, INC.--.

The PTO did not receive the following
listed item(s) _____

In the DRAWINGS of the Application filed October 31, 2000:

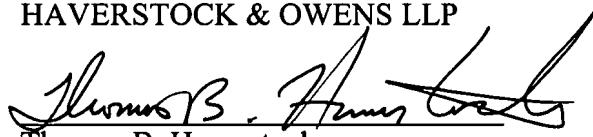
Delete the drawings as filed and replace with formal drawing sheets 1-5.

Respectfully submitted

HAVERSTOCK & OWENS LLP

Dated: 8-16-04

By:



Thomas B. Haverstock
Registration No.: 32,571
Attorneys for Applicant(s)

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,741,289 B1
DATED : May 25, 2004
INVENTOR(S) : BICAKCI

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The title page showing the illustrative figure should be deleted to be replaced with the attached title page.

Drawing sheets, consisting of Figs. 1-7, should be deleted to be replaced with the drawing sheets consisting of Figs. 1-7, as shown on the attached pages.

On the title page item [73],

Delete "FAIRCHILD SEMICONDUCTORS, INC." and insert -FAIRCHILD SEMICONDUCTOR, INC.--.

X



US006741289B1

(12) **United States Patent**
Bicakci

(10) **Patent No.:** US 6,741,289 B1
(45) **Date of Patent:** May 25, 2004

(54) **TECHNIQUE TO STABILIZE THE CHROMINANCE SUBCARRIER GENERATION IN A LINE-LOCKED DIGITAL VIDEO SYSTEM**

(75) **Inventor:** Ara Bicakci, San Jose, CA (US)

(73) **Assignee:** Fairchild Semiconductors, Inc., South Portland, ME (US)

(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 631 days.

(21) **Appl. No.:** 09/703,517

(22) **Filed:** Oct. 31, 2000

(51) **Int. Cl.⁷** H04N 9/45

(52) **U.S. Cl.** 348/505; 348/194; 348/508

(58) **Field of Search** 348/194, 505, 348/508, 512, 549; 386/41, 13, 17, 19, 20

(56) **References Cited**

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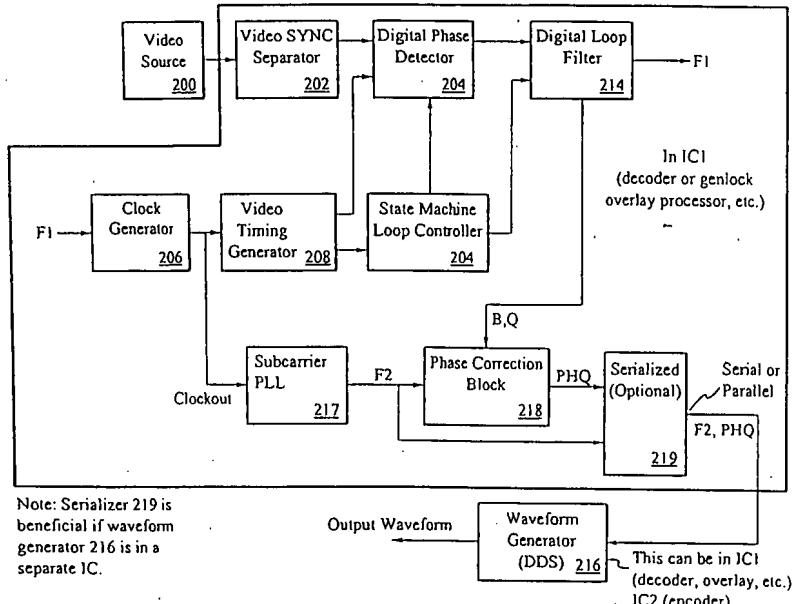
Primary Examiner—Victor R. Kostak

(74) **Attorney, Agent, or Firm**—Haverstock & Owens LLP

(57) **ABSTRACT**

A technique to stabilize subcarrier generation in a line-locked digital video system, caused by simultaneous locking of the genlock device causing continuous changing of a shared clock signal, by calculating a time shift occurring in an output waveform, converting the time shift into an equivalent phase shift and sending a corresponding phase correction number to a waveform generator block to correct the time shift, and thus stabilize subcarrier generation.

45 Claims, 5 Drawing Sheets



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DATED : May 25, 2004

INVENTOR(S) : Ara Bicakci

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby correct as shown below:

IN DRAWING SHEET 1 - REPLACE SHEET 1 AS FILED WITH:

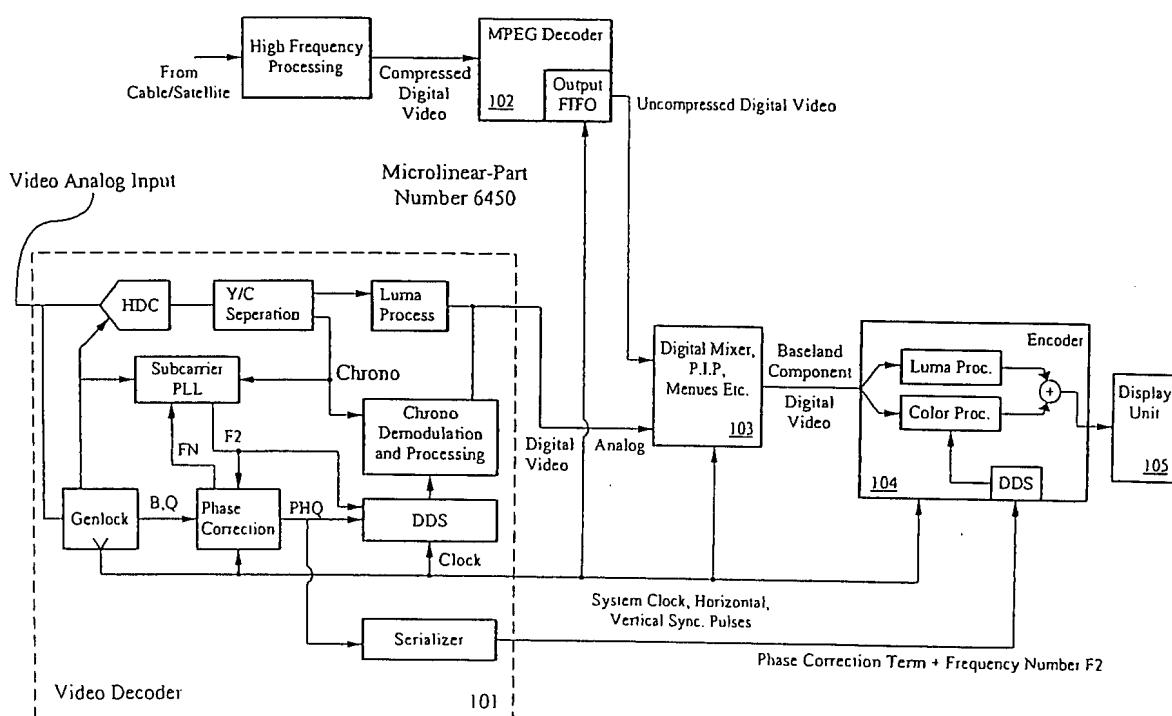


Fig. 1

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PATENT NO. : 6,741,289 B1

DATED : May 25, 2004

INVENTOR(S) : Ara Bicakci

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby correct as shown below:

IN DRAWING SHEET 2 - REPLACE SHEET 2 AS FILED WITH:

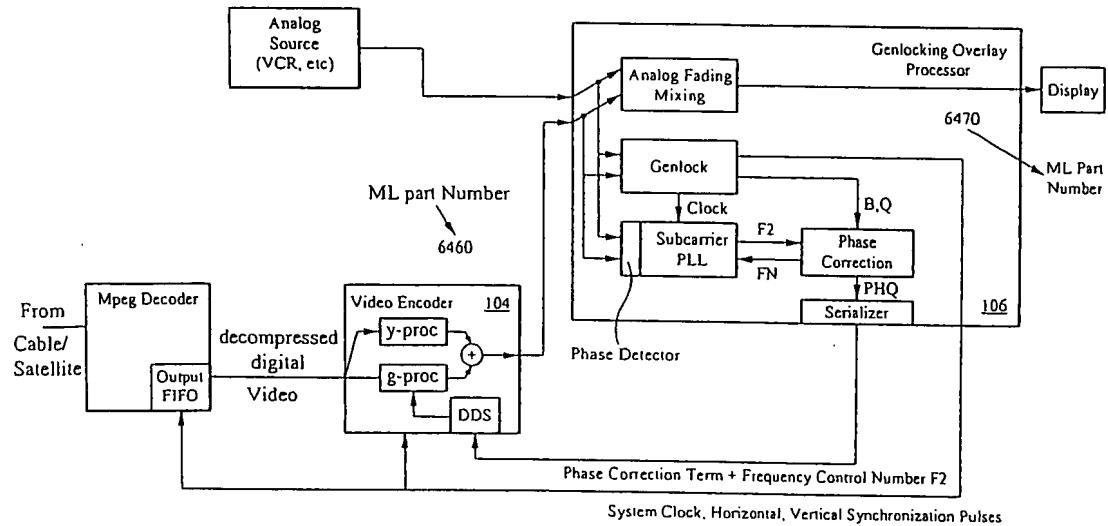


Fig. 1a

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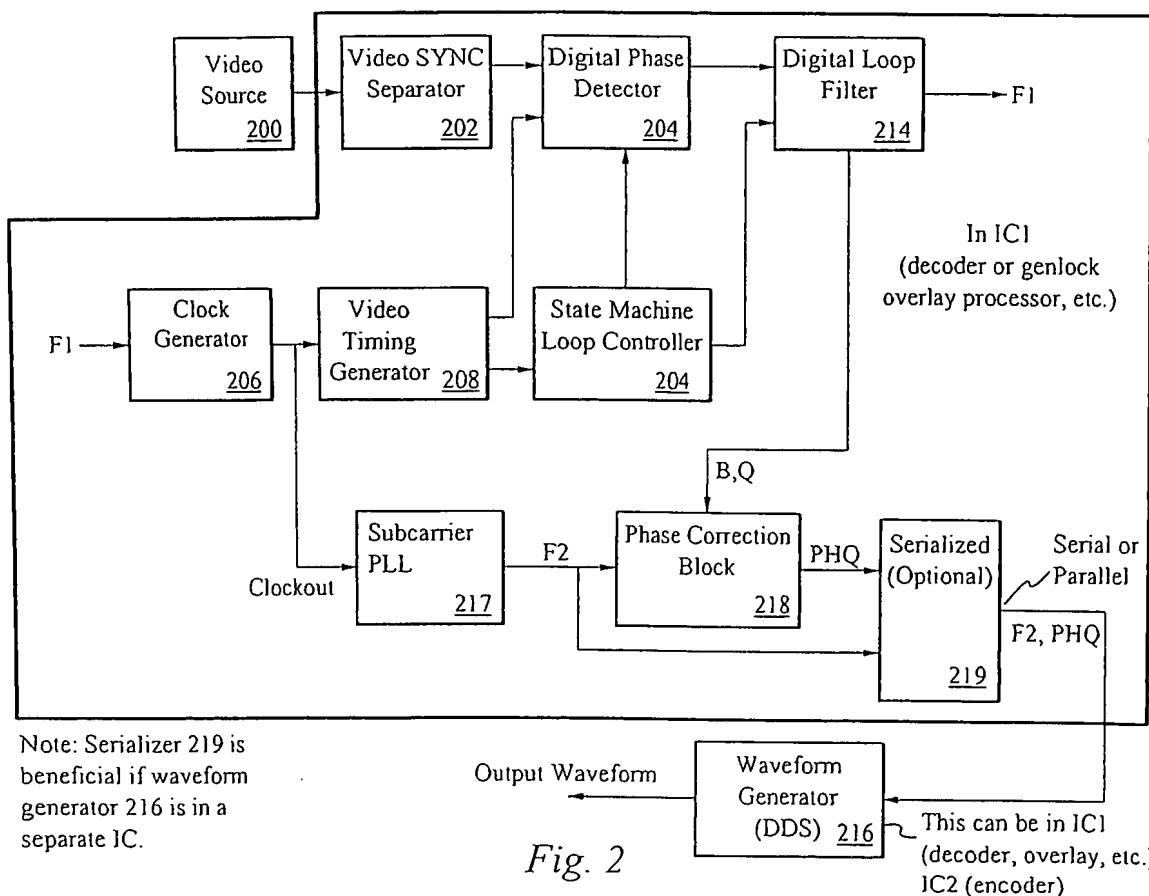
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby correct as shown below:

IN DRAWING SHEET 3 - REPLACE SHEET 3 AS FILED WITH:



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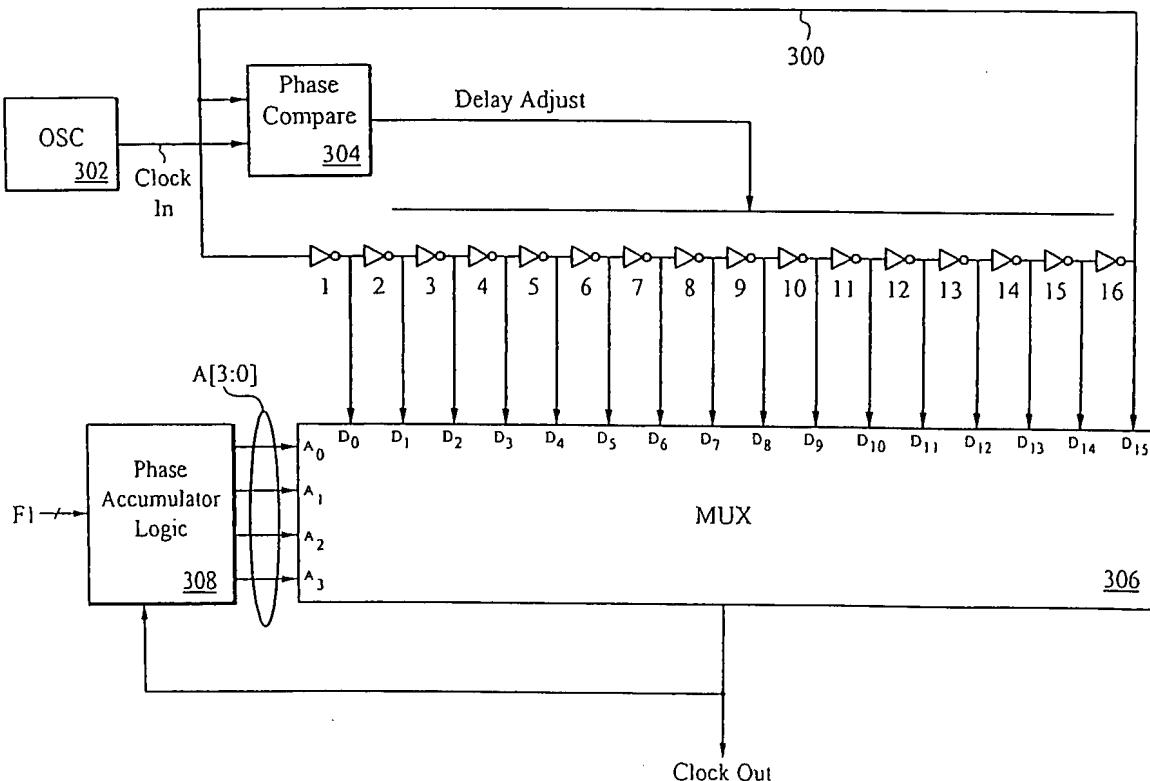
PATENT NO. : 6,741,289 B1

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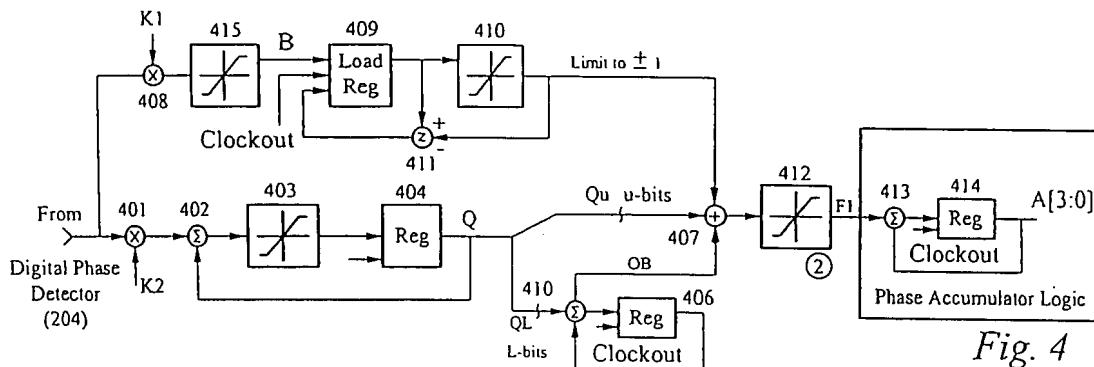


Fig. 4

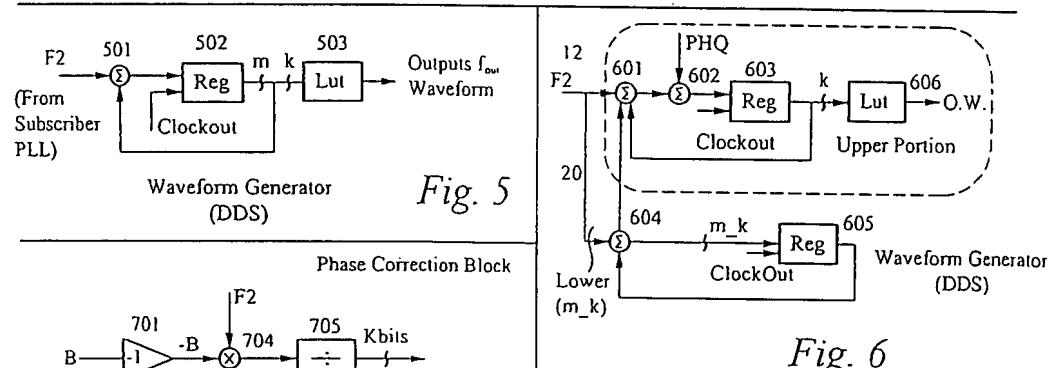


Fig. 5

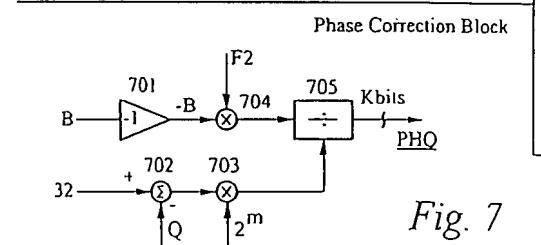


Fig. 7

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